

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR § 1.53(b))

Attorney Docket No	1413.001000B/RWE/MTT
First Inventor	Norman R. Wainwright
Title	Endotoxin Binding and Neutralizing Protein and Uses Thereof
Express Mail Label No.	

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

**ADDRESS TO:**Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)

2.  Applicant claims small entity status.  
See 37 CFR 1.27.

3.  Specification [Total Pages 57]  
(preferred arrangement set forth below)  
 - Descriptive title of the Invention  
 - Cross Reference to Related Applications  
 - Statement Regarding Fed sponsored R & D  
 - Reference to sequence listing, a table, or a computer program listing appendix  
 - Background of the Invention  
 - Brief Summary of the Invention  
 - Brief Description of the Drawings (if filed)  
 - Detailed Description  
 - Claim(s)  
 - Abstract of the Disclosure

Drawing(s) (35 U.S.C. 113) [Total Sheets 16]

Oath or Declaration [Total Pages 2]  
 a.  Newly executed (original or copy)  
 b.  Copy from a prior application (37 CFR 1.63(d))  
 (for continuation/divisional with Box 18 completed)  
 i.  DELETION OF INVENTOR(S)  
 Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR §§ 1.63(d)(2) and 1.33(b).

Application Data Sheet. See 37 CFR 1.76.-

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  
 a.  Computer Readable Form (CRF)  
 b. Specification Sequence Listing on:  
 i.  CD-ROM or CD-R (2 copies); or  
 ii.  paper  
 c.  Statements verifying identity of above copies

9.  Assignment Papers (cover sheet & document(s))

10.  37 CFR 3 73(b) Statement  Power of Attorney (when there is an assignee)

11.  English Translation Document (if applicable)

12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations

13.  Second Preliminary Amendment

14.  Return Receipt Postcard (MPEP 503)  
 (Should be specifically itemized)

15.  Certified Copy of Priority Document(s)  
 (if foreign priority is claimed)

16.  Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i) Applicant must attach form PTO/SB/35 or its equivalent.

17.  Other: Authorization under 37 C.F.R. § 1.136(a)(3)  
 Other: The Preliminary Amendment which was filed to complete prior Application No. 07/883,457

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76

Continuation  Divisional  Continuation-in-Part (CIP) of prior application No: 08/850,011  
 Prior application information: Examiner Gupta, A. Group/Art Unit 1653

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS** Customer Number or Bar Code Label

Customer No. 26111

(Insert Customer No. or Attach bar code label here)

 Correspondence address below

NAME	STERNE, KESSLER, GOLDSTEIN & FOX P.L.C.		
	Attorneys at Law		
ADDRESS			
CITY	STATE	ZIP CODE	
COUNTRY	TELEPHONE	FAX	

NAME (Print/Type)	Robert W. Esmond	Registration No. (Attorney/Agent)	32,893
SIGNATURE	<i>Robert W. Esmond</i>		
Date	Dec. 3, 2001		

# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

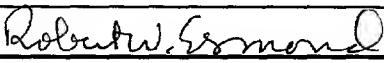
TOTAL AMOUNT OF PAYMENT

(\$740.00)

Complete if Known

Application Number	To Be Assigned
Filing Date	Herewith
First Named Inventor	Norman R. Wainwright
Examiner Name	To Be Assigned
Group Art Unit	To Be Assigned
Attorney Docket No.	1413.001000B/RWE/MTT

METHOD OF PAYMENT (check one)					FEE CALCULATION (continued)																																																																																																																																																																																																									
<p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:</p> <p>Deposit Account Number <input type="text" value="19-0036"/></p> <p>Deposit Account Name <input type="text" value="Sterne, Kessler, Goldstein &amp; Fox PLLC"/></p> <p><input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status Sec 37 CFR 1.27</p>					<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th colspan="3"></th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td><input type="text"/></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td><input type="text"/></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td><input type="text"/></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for ex parte reexamination</td><td><input type="text"/></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td><input type="text"/></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td><input type="text"/></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td><input type="text"/></td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for reply within second month</td><td><input type="text"/></td></tr> <tr><td>117</td><td>920</td><td>217</td><td>460</td><td>Extension for reply within third month</td><td><input type="text"/></td></tr> <tr><td>118</td><td>1,440</td><td>218</td><td>720</td><td>Extension for reply within fourth month</td><td><input type="text"/></td></tr> <tr><td>128</td><td>1,960</td><td>228</td><td>980</td><td>Extension for reply within fifth month</td><td><input type="text"/></td></tr> <tr><td>119</td><td>320</td><td>219</td><td>160</td><td>Notice of Appeal</td><td><input type="text"/></td></tr> <tr><td>120</td><td>320</td><td>220</td><td>160</td><td>Filing a brief in support of an appeal</td><td><input type="text"/></td></tr> <tr><td>121</td><td>280</td><td>221</td><td>140</td><td>Request for oral hearing</td><td><input type="text"/></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td><input type="text"/></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td><input type="text"/></td></tr> <tr><td>141</td><td>1,280</td><td>241</td><td>640</td><td>Petition to revive - unintentional</td><td><input type="text"/></td></tr> <tr><td>142</td><td>1,280</td><td>242</td><td>640</td><td>Utility issue fee (or reissue)</td><td><input type="text"/></td></tr> <tr><td>143</td><td>460</td><td>243</td><td>230</td><td>Design issue fee</td><td><input type="text"/></td></tr> <tr><td>144</td><td>620</td><td>244</td><td>310</td><td>Plant issue fee</td><td><input type="text"/></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td><input type="text"/></td></tr> <tr><td>123</td><td>130</td><td>123</td><td>130</td><td>Petitions related to provisional applications</td><td><input type="text"/></td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td><input type="text"/></td></tr> <tr><td>581</td><td>40</td><td>481</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td><input type="text"/></td></tr> <tr><td>146</td><td>740</td><td>246</td><td>370</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td><input type="text"/></td></tr> <tr><td>149</td><td>740</td><td>249</td><td>370</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td><input type="text"/></td></tr> <tr><td>179</td><td>740</td><td>279</td><td>370</td><td>Request for Continued Examination (RCE)</td><td><input type="text"/></td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td><td><input type="text"/></td></tr> <tr><td colspan="6">Other fee (specify) .</td></tr> <tr><td colspan="6">Other fee (specify) .</td></tr> <tr> <td colspan="5">*Reduced by Basic Filing Fee Paid</td> <td>SUBTOTAL (3) (\$0.00)</td> </tr> </tbody> </table>					Large Entity	Small Entity				Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee paid	105	130	205	65	Surcharge - late filing fee or oath	<input type="text"/>	127	50	227	25	Surcharge - late provisional filing fee or cover sheet	<input type="text"/>	139	130	139	130	Non-English specification	<input type="text"/>	147	2,520	147	2,520	For filing a request for ex parte reexamination	<input type="text"/>	112	920*	112	920*	Requesting publication of SIR prior to Examiner action	<input type="text"/>	113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	<input type="text"/>	115	110	215	55	Extension for reply within first month	<input type="text"/>	116	400	216	200	Extension for reply within second month	<input type="text"/>	117	920	217	460	Extension for reply within third month	<input type="text"/>	118	1,440	218	720	Extension for reply within fourth month	<input type="text"/>	128	1,960	228	980	Extension for reply within fifth month	<input type="text"/>	119	320	219	160	Notice of Appeal	<input type="text"/>	120	320	220	160	Filing a brief in support of an appeal	<input type="text"/>	121	280	221	140	Request for oral hearing	<input type="text"/>	138	1,510	138	1,510	Petition to institute a public use proceeding	<input type="text"/>	140	110	240	55	Petition to revive - unavoidable	<input type="text"/>	141	1,280	241	640	Petition to revive - unintentional	<input type="text"/>	142	1,280	242	640	Utility issue fee (or reissue)	<input type="text"/>	143	460	243	230	Design issue fee	<input type="text"/>	144	620	244	310	Plant issue fee	<input type="text"/>	122	130	122	130	Petitions to the Commissioner	<input type="text"/>	123	130	123	130	Petitions related to provisional applications	<input type="text"/>	126	180	126	180	Submission of Information Disclosure Stmt	<input type="text"/>	581	40	481	40	Recording each patent assignment per property (times number of properties)	<input type="text"/>	146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))	<input type="text"/>	149	740	249	370	For each additional invention to be examined (37 CFR 1.129(b))	<input type="text"/>	179	740	279	370	Request for Continued Examination (RCE)	<input type="text"/>	169	900	169	900	Request for expedited examination of a design application	<input type="text"/>	Other fee (specify) .						Other fee (specify) .						*Reduced by Basic Filing Fee Paid					SUBTOTAL (3) (\$0.00)
Large Entity	Small Entity																																																																																																																																																																																																													
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee paid																																																																																																																																																																																																									
105	130	205	65	Surcharge - late filing fee or oath	<input type="text"/>																																																																																																																																																																																																									
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	<input type="text"/>																																																																																																																																																																																																									
139	130	139	130	Non-English specification	<input type="text"/>																																																																																																																																																																																																									
147	2,520	147	2,520	For filing a request for ex parte reexamination	<input type="text"/>																																																																																																																																																																																																									
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	<input type="text"/>																																																																																																																																																																																																									
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	<input type="text"/>																																																																																																																																																																																																									
115	110	215	55	Extension for reply within first month	<input type="text"/>																																																																																																																																																																																																									
116	400	216	200	Extension for reply within second month	<input type="text"/>																																																																																																																																																																																																									
117	920	217	460	Extension for reply within third month	<input type="text"/>																																																																																																																																																																																																									
118	1,440	218	720	Extension for reply within fourth month	<input type="text"/>																																																																																																																																																																																																									
128	1,960	228	980	Extension for reply within fifth month	<input type="text"/>																																																																																																																																																																																																									
119	320	219	160	Notice of Appeal	<input type="text"/>																																																																																																																																																																																																									
120	320	220	160	Filing a brief in support of an appeal	<input type="text"/>																																																																																																																																																																																																									
121	280	221	140	Request for oral hearing	<input type="text"/>																																																																																																																																																																																																									
138	1,510	138	1,510	Petition to institute a public use proceeding	<input type="text"/>																																																																																																																																																																																																									
140	110	240	55	Petition to revive - unavoidable	<input type="text"/>																																																																																																																																																																																																									
141	1,280	241	640	Petition to revive - unintentional	<input type="text"/>																																																																																																																																																																																																									
142	1,280	242	640	Utility issue fee (or reissue)	<input type="text"/>																																																																																																																																																																																																									
143	460	243	230	Design issue fee	<input type="text"/>																																																																																																																																																																																																									
144	620	244	310	Plant issue fee	<input type="text"/>																																																																																																																																																																																																									
122	130	122	130	Petitions to the Commissioner	<input type="text"/>																																																																																																																																																																																																									
123	130	123	130	Petitions related to provisional applications	<input type="text"/>																																																																																																																																																																																																									
126	180	126	180	Submission of Information Disclosure Stmt	<input type="text"/>																																																																																																																																																																																																									
581	40	481	40	Recording each patent assignment per property (times number of properties)	<input type="text"/>																																																																																																																																																																																																									
146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))	<input type="text"/>																																																																																																																																																																																																									
149	740	249	370	For each additional invention to be examined (37 CFR 1.129(b))	<input type="text"/>																																																																																																																																																																																																									
179	740	279	370	Request for Continued Examination (RCE)	<input type="text"/>																																																																																																																																																																																																									
169	900	169	900	Request for expedited examination of a design application	<input type="text"/>																																																																																																																																																																																																									
Other fee (specify) .																																																																																																																																																																																																														
Other fee (specify) .																																																																																																																																																																																																														
*Reduced by Basic Filing Fee Paid					SUBTOTAL (3) (\$0.00)																																																																																																																																																																																																									
<p>2. EXTRA CLAIM FEES</p> <table border="1"> <thead> <tr> <th>Extra</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> <tr> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> <th></th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td></tr> <tr><td>102</td><td>84</td><td>202</td><td>42</td><td>Independent claims in excess of 3</td></tr> <tr><td>104</td><td>280</td><td>204</td><td>140</td><td>Multiple dependent claim</td></tr> <tr><td>108</td><td>84</td><td>209</td><td>42</td><td>**Reissue independent claims over original patent</td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>**Reissue claims in excess of 20 and over original patent</td></tr> </tbody> </table>					Extra	Fee from below	Fee Paid	Fee Code (\$)	Fee Code (\$)		103	18	203	9	Claims in excess of 20	102	84	202	42	Independent claims in excess of 3	104	280	204	140	Multiple dependent claim	108	84	209	42	**Reissue independent claims over original patent	110	18	210	9	**Reissue claims in excess of 20 and over original patent	SUBTOTAL (2) (\$0.00)																																																																																																																																																																										
Extra	Fee from below	Fee Paid																																																																																																																																																																																																												
Fee Code (\$)	Fee Code (\$)																																																																																																																																																																																																													
103	18	203	9	Claims in excess of 20																																																																																																																																																																																																										
102	84	202	42	Independent claims in excess of 3																																																																																																																																																																																																										
104	280	204	140	Multiple dependent claim																																																																																																																																																																																																										
108	84	209	42	**Reissue independent claims over original patent																																																																																																																																																																																																										
110	18	210	9	**Reissue claims in excess of 20 and over original patent																																																																																																																																																																																																										
<p>** or number previously paid, if greater. For Reissues, see above</p>																																																																																																																																																																																																														

SUBMITTED BY		Complete (if applicable)		
Name (Print/Type)	Robert W. Esmond	Registration No. (Attorney/Agent)	32,893	Telephone
Signature			Date	Dec. 3, 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.